

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : CONCRETE PATCHING COMPOUND-A
 IDENTIFICATION NUMBER: 5499 499
 DATE PRINTED : 10/03/02

PRODUCT USE/CLASS : CONCRETE PATCH. COMPOUND-BASE

SUPPLIER:

Rust-Oleum Corporation
 11 Hawthorn Parkway
 Vernon Hills, Illinois
 60061 USA

MANUFACTURER:

Rust-Oleum Corporation
 11 Hawthorn Parkway
 Vernon Hills, Illinois
 60061 USA

(847) 367-7700 Rust-Oleum Corp.
 8:00 AM-4:30 PM/24-hr Emer.Assist

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PREPARER: MTM, PHONE: 847-816-2445, PREPARE DATE: 10/03/02

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	SILICON DIOXIDE (QUARTZ)	14808-60-7	65.0 %
02	Epoxy Resin	25068-38-6	20.0 %
03	INDUSTRIAL TALC	14807-96-6	5.0 %

----- EXPOSURE LIMITS -----						
ITEM	ACGIH		OSHA		MEXICAN	SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	
01	0.1 mg/m3	N.E.	10mg/m3/%Q+2	N.E.	N.E.	NO
02	N.E.	N.E.	N.E.	N.E.	N.E.	NO
03	10mg/m3	15mg/m3*	N.E.	N.E.	N.E.	NO

(See Section 16 for abbreviation legend), * - Ceiling Value

SECTION 3 - HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***: Causes eye irritation. Use ventilation necessary to keep exposures below recommended exposure limits, if any.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes eye irritation.

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SECTION 3 - HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin irritation. May cause skin irritation. Allergic reactions are possible. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

EFFECTS OF OVEREXPOSURE - INHALATION: Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Contains crystalline silica as silicon dioxide. Excessive inhalation of respirable crystalline silica dust may cause lung disease, silicosis or lung cancer. Significant exposure is not anticipated during brush or trowel application or drying. Risk of overexposure depends on the duration and level of exposure to dust from repeated sanding of surfaces, mechanical abrasion or spray mist and actual concentration of crystalline silica in the formula. Crystalline silica is listed as Group 1 "carcinogenic to humans" by the International Agency for Research on Cancer (IARC) and Group 2, "reasonably anticipated to be a carcinogen" by the National Toxicology Program (NTP)

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: N.A.

LOWER EXPLOSIVE LIMIT: N.A.

UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: DRY CHEMICAL FOAM

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SECTION 5 - FIRE FIGHTING MEASURES

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLASH POINT IS TESTED TO BE GREATER THAN 212 DEGREES F (>100 DEGREES C).

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Wash hands before eating. Avoid contact with eyes.

STORAGE: Keep from freezing. Keep container closed when not in use.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE : N.A. VAPOR DENSITY : Is heavier than air
ODOR : SLIGHT AMMONICAL ODOR THRESHOLD : N.D.
APPEARANCE : LIQUID EVAPORATION RATE: Is slower than Ether
SOLUBILITY IN H2O : SLIGHT
FREEZE POINT : N.D. SPECIFIC GRAVITY: 1.8391
VAPOR PRESSURE : N.D. pH @ 0.0 % : N.D.
PHYSICAL STATE : LIQUID VISCOSITY : N.D.
COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D.

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

COMPONENT TOXICOLOGICAL INFORMATION:

----- CHEMICAL NAME -----	----- LD50 -----	----- LC50 -----
SILICON DIOXIDE (QUARTZ)	N.E.	N.E.
Epoxy Resin	N.A.	N.A.
INDUSTRIAL TALC	None	None

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Product is a mixture of listed components. According to our raw material suppliers, all components are listed on the TSCA Inventory as required or meet the polymer exemption as defined in Section 5.5.2 of the Toxic Substances Control Act.

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SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:

DOT TECHNICAL NAME:

DOT HAZARD CLASS:

HAZARD SUBCLASS:

DOT UN/NA NUMBER:

PACKING GROUP:

RESP. GUIDE PAGE:

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME ----- CAS NUMBER WT/WT % IS LESS THAN
No SARA Section 313 components exist in this product above de minimis levels.

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
CALCIUM SILICATE	13983-17-0
O-CRESYL GLYCIDYL ETHER	26447-14-3

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SECTION 15 - REGULATORY INFORMATION

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
CALCIUM SILICATE	13983-17-0
O-CRESYL GLYCIDYL ETHER	26447-14-3

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME -----	CAS NUMBER
SILICON DIOXIDE (QUARTZ)	14808-60-7

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 2* FLAMMABILITY: 1 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 06/28/00

LEGEND: N.A. - Not Applicable, N.E. - Not Established,
N.D. - Not Determined

: No Information.

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.
